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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/516,736	03/01/2000	Jon C. Zaring	ODS-11	3221
7:	590 07/01/2005	EXAMINER		
G.Victor Trey	Z	WOO, RICHARD SUKYOON		
Fish & Neave 1251 Avenue o	f the Americas		ART UNIT	PAPER NUMBER
New York, NY	7 10020-1104		3639	•
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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
	09/516,736	ZARING ET AL.					
Office Action Summary	Examiner	Art Unit					
	Richard Woo	3639					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with th	e correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period w  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	66(a). In no event, however, may a reply be within the statutory minimum of thirty (30) rill apply and will expire SIX (6) MONTHS fr cause the application to become ABANDO	e timely filed  days will be considered timely.  rom the mailing date of this communication.  NED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 21 M	Responsive to communication(s) filed on 21 March 2005.						
2a)⊠ This action is <b>FINAL</b> . 2b)☐ This	This action is FINAL. 2b) This action is non-final.						
3) Since this application is in condition for allowar	nce except for formal matters,	prosecution as to the merits is					
closed in accordance with the practice under E	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims							
4)⊠ Claim(s) 1-71 is/are pending in the application.		•					
4a) Of the above claim(s) is/are withdraw	vn from consideration.	•					
5) Claim(s) is/are allowed.							
6)⊠ Claim(s) <u>1-71</u> is/are rejected.	)⊠ Claim(s) <u>1-71</u> is/are rejected.						
7) Claim(s) is/are objected to.							
8) Claim(s) are subject to restriction and/or	r election requirement.						
Application Papers							
9) The specification is objected to by the Examine	r.						
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Offi	ice Action or form PTO-152.					
Priority under 35 U.S.C. § 119	•						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage							
application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.							
* See the attached detailed Office action for a list of the certified copies not received.							
Attachment(s)							
Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)							
Notice of Draftsperson's Patent Drawing Review (PTO-948)   Paper No(s)/Mail Date   Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)   Statement(s) (PTO-1449 or PTO/SB/08)   Other:							
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### **DETAILED ACTION**

## Response to Arguments

- 1) Applicant's amendments filed on March 21, 2005 have been entered.
- 2) Applicant's arguments, filed on March 21, 2005, with respect to rejections under 35 U.S.C. section 101 and section 112 have been fully considered and are persuasive. The rejections of Claims 1-71 and 41-71, respectively, have been withdrawn.
- 3) Applicant's arguments filed on March 21, 2005 have been fully considered but they are not persuasive.

In response to applicant's argument that applicants claims patentably improve upon Brenner in combination with LaDue at last by requiring "allowing a user to select to present the racing data in audio or visual form", the examiner respectfully traverses this. Fig. 9 of LaDue shows that the device would play the racing data in audio form or visual form. Although the device does not expressly show the selecting option to select, the device is based on the traditional cellular phone technology in which the user is allowed to select to receive the incoming data in audio form (e.g. listening the voice message) or visual form (e.g. reading the text or video message). Additionally, the applicant has not established the reason that the selection between audio and visual form would show an advantage, be used for a particular purpose, or solve a stated problem. Accordingly, the device of Brenner as modified by LaDue would allow the user to select to present the data in audio form or visual form.

In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by

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combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, both Brenner and LaDue are directed to an interactive gaming and wagering art and the current trend of portable and mobile devices is generally available to one of ordinary skill in the art.

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With respect to Applicant's argument that LaDue is not related to horse racing and does not consider the complexities relating to racing data permitting a combination with Brenner, the examiner respectfully traverses In response to applicant's argument that the test for obviousness is not whether the features of a secondary reference may be bodily incorporated into the structure of the primary reference; nor is it that the claimed invention must be expressly suggested in any one or all of the references.

Rather, the test is what the combined teachings of the references would have suggested to those of ordinary skill in the art. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981).

4) The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

## Claim Rejections - 35 USC § 103

5) Claims 1-71 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brenner et al. (US 6,099,409) in view of LaDue (US 5,999,808).

As for Claim 1, Brenner et al. disclose a method for interactive wagering on races comprising:

receiving at the user terminal racing data on races that have not been run and for which wagers may be placed (see Claim 1 of Brenner et al.);

presenting the racing data on the races that have not been run and for which wagers are placed (see Id. and col. 4, lines 38-46 and see the pertinent Figs.); and providing interactive options on the user terminal that allow the user to place a wager on a given race that has not been run (see Supra Figs. and col. 4, lines 38-46).

However, Brenner et al. does not expressly disclose the method for interactive wagering, utilizing a cellular telephone that is in wireless data communications network.

LaDue teaches, for a wireless gaming and wagering method and system, that the method utilizes a wireless data communication network (including a cellular telephone) (see Figs. and cols. 1-6 for example; see Supra Response to Arguments).

Since LaDue and Brenner et al. are both from the same field of endeavor of providing an interactive gaming or gambling by utilizing the two way communications

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link (either landline or wireless), the purpose disclosed by LaDue would have been well recognized in the pertinent field of Brenner et al..

Accordingly, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to replace the conventional wireline data communications network system of Brenner et al. with the wireless cellular radio system so as to allow the user to further select to present the data in audio or visual form, as taught by LaDue, for the purpose of providing the user with a portable, wireless two way data communications gaming or wagering system to enable the user to place bets from a remote location.

As for Claim 2, the modified method of Brenner et al. further discloses the method including the step of providing racing data to the cellular telephone from a transaction processing and subscription management system (col. 4, lines 38-46 and see the pertinent Figs. of Brenner et al. and Figs. 5-9B, 11 of LaDue and the descriptions thereof).

As for Claim 3, the modified method of Brenner et al. further discloses the method including the step of displaying interactive options on the cellular telephone that allows the user with an opportunity to initiate access to the interactive wagering service (col. 2, lines 34-39 of Brenner et al.).

As for Claim 4, the modified method of Brenner et al. further discloses the method including the step of displaying an interactive option on the cellular phone that provides

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the user with an opportunity to initiate creation of a wager (see Supra Figs. of Brenner et al. and LaDue).

As for Claim 5, the modified method of Brenner et al. further discloses the method including the step of displaying interactive options on the terminal to provide the user with an opportunity to display race results (see col. 3, lines 15-18 of Brenner et al.).

As for Claim 6, the modified method of Brenner et al. further discloses the method including the step of viewing handicapping information on the terminal (col. 25, lines 14-24 of Brenner et al.).

As for Claim 7, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to select the racetrack for the given race (col. 2, lines 47-53 of Brenner et al.).

As for Claim 8, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to select the given race from a plurality of races at a plurality of racetracks (col. 2, lines 47-53 of Brenner et al.).

As for Claim 9, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to select a desired wager type for the wager (ld.).

As for Claim 10, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to select a horse on which to wager for the given race (col. 1, lines 16-17 of Brenner et al.).

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As for Claim 11, the modified method of Brenner et al. further discloses the method including the step of displaying current odds for the wager on the cellular telephone in real time before the wager is placed (col. 6, lines 32-35 of Brenner et al.).

As for Claim 12, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to select a wager amount for the wager (col. 2, lines 47-53 of Brenner et al.).

As for Claim 13, the modified method of Brenner et al. further discloses the method including the step of displaying an interactive option on the cellular phone to create a new wager after the wager has been created (ld.).

As for Claim 14, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to place the wager by wirelessly sending the wager to a transaction processing and subscription management system (col. 4, lines 38-46 of Brenner et al. and the purpose disclosed by LaDue). As for Claim 15, the modified method of Brenner et al. further discloses the method including the step of displaying an interactive option on the cellular phone to delete a wager after the wager has been created (col. 15, lines 15-17 of Brenner et al.). As for Claim 16, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to enter a personal ID number (col. 4, lines 46-51 of Brenner et al.).

As for Claim 17, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to request account balance information from a totalisator (col. 24, lines 46-59 of Brenner et al.).

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As for Claims 18 and 19, the modified method of Brenner et al. further discloses the method including the step of using user television equipment or user computer to view race results (col. 1, lines 32-35; col. 4, lines 38-46 of Brenner et al.).

As for Claim 20, the modified method of Brenner et al. further discloses the method including the step of using a wireless data link to receive racing data from a transaction processing and subscription management system (see Supra Claim 2).

As for Claims 21-22, the modified method of Brenner et al. further discloses the method including the step of using a wireless data link to receive racing data from a transaction processing and subscription management system, wherein the transaction processing and subscription management system receives the racing data from a racing data collection and processing system, or a totalisator (col. 4, lines 38-46 of Brenner et al.). As for Claim 23, the modified method of Brenner et al. further discloses the method including the step of adjusting an account of the user to reflect the outcome of the wager (col. 4, lines 38-46 of Brenner et al.).

As for Claim 24, the modified method of Brenner et al. further discloses the method including the step of adjusting an account of the user to reflect the outcome of the wager and displaying results from the wager on the cellular phone (see Supra columns of Brenner et al. and LaDue).

As for Claim 25, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to set a reminder for the given race and display the reminder (col. 3, lines 19-22 of Brenner et al.).

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As for Claims 26-27, the modified method of Brenner et al. further discloses the method including the step of providing the user with a reminder for the given race with the cellular telephone (see Id.).

As for Claim 28, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to reminder the user of the given race by using automatic dialing equipment to place a telephone call to the telephone and provide an audio message (col. 1, lines 13-15 of Brenner et al.; and Supra Figs. and columns of LaDue).

As for Claim 29, the modified method of Brenner et al. further discloses the method including the step of providing video for the given race (Id.).

As for Claim 30, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to set a reminder for the given race using the cellular telephone, and displaying the reminder fro the given race on the user television equipment (see Supra Brenner et al. and LaDue).

As for Claim 31, the modified method of Brenner et al. further discloses the method including the step of providing the user with an opportunity to set a reminder for the given race using the cellular telephone, and displaying the reminder fro the given race on the computer (see Supra Brenner et al. and LaDue).

Regarding to Claim 32, the modified interactive wagering system of Brenner et al. in view of LaDue can implement the method claims of 1-31, and comprising:

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a transaction processing and subscription management system for handling wagers on races;

a cellular telephone that is in wireless communication with the processing and management system; and

the cellular telephone having a display, wherein the cellular telephone is configured to:

receive racing data on races that have not been run and for which wagers are placed;

allow the user to select to present the racing data in audio or visual form;

present the racing data on the races that have not been run and for which

wagers are placed on the cellular telephone based on the user selection; and

provide interactive options on the cellular telephone that allow the user to place a

wager on a given race that has not been run (see Supra Claim 1).

As for Claim 33, the modified system of Brenner et al. further discloses the system wherein the cellular phone is configured to receive information on the results of the given race from the a transaction processing and subscription management system and is configured to display the results of the given race on the display (col. 4, lines 38-46 and see the pertinent Figs. of Brenner et al. and Figs. 5-9B, 11 of LaDue and the descriptions thereof).

As for Claim 34, the modified system of Brenner et al. further discloses the system wherein the cellular phone is configured to receive information on current odds for the

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given race from the transaction processing and subscription management system before the given race has been run and is configured to display the information on the current odds on the display (col. 6, lines 32-35 of Brenner et al.).

As for Claim 35, the modified system of Brenner et al. comprises:

a transaction processing and subscription management system for handling wagers on races;

equipment selected from the group consisting of: user television, computer, and non-cellular telephone, wherein the equipment is configured to access racing data at the transaction processing and subscription management system and to provide information on wagers data to the transaction processing and subscription management system; and

a cellular telephone that receives racing data on races that have not been run and for which wagers are placed from the processing and management system and provides wagering data to the processing and management system and that has a display, wherein the telephone is configured to:

allow a user to select to present the racing data in audio form or visual form;

present the racing data on the races that have not been run and for which

wagers are placed on the cellular telephone based on the user selection; and

provide interactive options on the cellular telephone that allow the user to place a

wager on a given race that has not been run, wherein the equipment is configured to

display information on race results for the given race after the given has been run (see Supra Claims 1 and 32).

As for Claim 36, the modified system of Brenner et al. comprises:

a transaction processing and subscription management system for handling wagers on races;

equipment selected from the group consisting of: user television, computer, and non-cellular telephone, wherein the equipment is configured to access racing data at the transaction processing and subscription management system and to provide information on wagers data to the transaction processing and subscription management system; and

a cellular telephone that receives racing data on races that have not been run and for which wagers are placed from the processing and management system and provides wagering data to the processing and management system and that has a display, wherein the telephone is configured to:

allow a user to select to present the racing data in audio form or visual form; and present the racing data on the races that have not been run and for which wagers are placed on the cellular telephone based on the user selection (see Supra Claims 1, 32, 35).

As for Claim 37, the modified system of Brenner et al. comprises: computer equipment that handles wagers; and

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a cellular telephone being configured to:

allow a user to select to present the racing data in audio form or visual form; present the racing data on the races that have not been run and for which wagers are placed on the cellular telephone based on the user selection; and

provide interactive options on the cellular telephone that allow the user to place a wager on a given race that has not been run, wherein the equipment is configured to display information on race results for the given race after the given has been run (see Supra Claims 1, 32, 35 and 36).

As for Claim 38, the modified system of Brenner et al. further discloses the invention wherein the cellular telephone is configured to receive information on results of the wager and to display the information on the results of the wager on the display (see Supra Brenner et al. and LaDue).

As for Claim 39, the modified system of Brenner et al. further discloses the invention wherein the computer equipment is part of a transaction processing and subscriber management system.

As for Claim 40, the modified interactive wagering system of Brenner et al. comprises:

a transaction processing and subscription management system for handling wagers on races;

equipment selected from the group consisting of: user television, computer, and non-cellular telephone, wherein the equipment is configured to access racing data at the transaction processing and subscription management system and to provide information

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on wagers data to the transaction processing and subscription management system; and

a cellular telephone that receives racing data on races that have not been run and for which wagers are placed from the processing and management system and provides wagering data to the processing and management system and that has a display, wherein the telephone is configured to:

allow a user to select to present the racing data in audio form or visual form; present the racing data on the races that have not been run and for which wagers are placed on the cellular telephone based on the user selection; and display account balance information for the user (see Supra Claims).

As for Claim 41, Brenner et al. disclose a machine readable medium, when executed by a processor, for:

receiving at the user terminal racing data on races that have not been run and for which wagers may be placed (see Claim 1 of Brenner et al.);

presenting the racing data on the races that have not been run and for which wagers are placed (Id. and col. 4, lines 38-46 and see the pertinent Figs.); and providing interactive options on the user terminal that allow the user to place a wager on a given race that has not been run (see Supra Figs. and cols.).

However, Brenner et al. does not expressly disclose the method for interactive wagering, utilizing a cellular telephone that is in wireless data communications network.

LaDue teaches, for a wireless gaming and wagering method and system, that the method utilizes a wireless data communication network (including a cellular telephone) (see Figs. and cols. 1-6 for example).

Since LaDue and Brenner et al. are both from the same field of endeavor of providing an interactive gaming or gambling by utilizing the two way communications link (either landline or wireless), the purpose disclosed by LaDue would have been well recognized in the pertinent field of Brenner et al..

Accordingly, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to replace the conventional wireline data communications network system of Brenner et al. with the wireless cellular radio system, as taught by LaDue, for the purpose of providing the user with a portable, wireless two way data communications gaming or wagering system to enable the user to place bets from a remote location.

As for Claim 42, the modified invention of Brenner et al. further discloses the medium for providing racing data to the cellular telephone from a transaction processing and subscription management system (col. 4, lines 38-46 and see the pertinent Figs. of Brenner et al. and Figs. 5-9B, 11 of LaDue and the descriptions thereof).

As for Claim 43, the modified invention of Brenner et al. further discloses the medium for displaying interactive options on the cellular telephone that allows the user with an opportunity to initiate access to the interactive wagering service (col. 2, lines 34-39 of Brenner et al.).

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As for Claim 44, the modified invention of Brenner et al. further discloses the medium

for displaying an interactive option on the cellular phone that provides the user with an

opportunity to initiate creation of a wager (see Supra Figs. of Brenner et al. and LaDue).

As for Claim 45, the modified invention of Brenner et al. further discloses the medium

for displaying interactive options on the terminal to provide the user with an opportunity

to display race results (see col. 3, lines 15-18 of Brenner et al.).

As for Claim 46, the modified invention of Brenner et al. further discloses the medium

for viewing handicapping information on the telephone (col. 25, lines 14-24 of Brenner

et al.).

As for Claim 47, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to select the racetrack for the given race (col.

2, lines 47-53 of Brenner et al.).

As for Claim 48, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to select the given race from a plurality of

races at a plurality of racetracks (col. 2, lines 47-53 of Brenner et al.).

As for Claim 49, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to select a desired wager type for the wager

(ld.).

As for Claim 50, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to select a horse on which to wager for the

given race (col. 1, lines 16-17 of Brenner et al.).

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As for Claim 51, the modified invention of Brenner et al. further discloses the medium for displaying current odds for the wager on the cellular telephone in real time before the wager is placed (col. 6, lines 32-35 of Brenner et al.).

As for Claim 52, the modified invention of Brenner et al. further discloses the medium for providing the user with an opportunity to select a wager amount for the wager (col. 2, lines 47-53 of Brenner et al.).

As for Claim 53, the modified invention of Brenner et al. further discloses the medium for displaying an interactive option on the cellular phone to create a new wager after the wager has been created (Id.).

As for Claim 54, the modified invention of Brenner et al. further discloses the medium for providing the user with an opportunity to place the wager by wirelessly sending the wager to a transaction processing and subscription management system (col. 4, lines 38-46 of Brenner et al. and the purpose disclosed by LaDue).

As for Claim 55, the modified invention of Brenner et al. further discloses the medium for displaying an interactive option on the cellular phone to delete a wager after the wager has been created (col. 15, lines 15-17 of Brenner et al.).

As for Claim 56, the modified invention of Brenner et al. further discloses the medium for providing the user with an opportunity to enter a personal ID number (col. 4, lines 46-51 of Brenner et al.).

As for Claim 57, the modified invention of Brenner et al. further discloses the medium for providing the user with an opportunity to request account balance information from a totalisator (col. 24, lines 46-59 of Brenner et al.).

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As for Claims 58 and 59, the modified invention of Brenner et al. further discloses the medium for using user television equipment or user computer to view race results (col. 1, lines 32-35; col. 4, lines 38-46 of Brenner et al.).

As for Claim 60, the modified invention of Brenner et al. further discloses the medium for using a wireless data link to receive racing data from a transaction processing and subscription management system (see Supra Claim 2).

As for Claims 61-62, the modified invention of Brenner et al. further discloses the medium for using a wireless data link to receive racing data from a transaction processing and subscription management system, wherein the transaction processing and subscription management system receives the racing data from a racing data collection and processing system, or a totalisator (col. 4, lines 38-46 of Brenner et al.). As for Claim 63, the modified invention of Brenner et al. further discloses the medium for adjusting an account of the user to reflect the outcome of the wager (col. 4, lines 38-46 of Brenner et al.).

As for Claim 64, the modified invention of Brenner et al. further discloses the medium for adjusting an account of the user to reflect the outcome of the wager and displaying results from the wager on the cellular phone (see Supra columns of Brenner et al. and LaDue).

As for Claim 65, the modified invention of Brenner et al. further discloses the medium for providing the user with an opportunity to set a reminder for the given race and display the reminder (col. 3, lines 19-22 of Brenner et al.).

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As for Claims 66-67, the modified invention of Brenner et al. further discloses the

medium for providing the user with a reminder for the given race with the cellular

telephone (see ld.).

As for Claim 68, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to reminder the user of the given race by using

automatic dialing equipment to place a telephone call to the telephone and provide an

audio message (col. 1, lines 13-15 of Brenner et al.; and Supra Figs. and columns of

LaDue).

As for Claim 69, the modified invention of Brenner et al. further discloses the medium

for providing video for the given race (Id.).

As for Claim 70, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to set a reminder for the given race using the

cellular telephone, and displaying the reminder fro the given race on the user television.

equipment (see Supra Brenner et al. and LaDue).

As for Claim 71, the modified invention of Brenner et al. further discloses the medium

for providing the user with an opportunity to set a reminder for the given race using the

cellular telephone, and displaying the reminder fro the given race on the computer (see

Supra Brenner et al. and LaDue).

### Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Woo whose telephone number is 571-272-6813. The examiner can normally be reached on Monday-Friday from 8:30 AM -5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Hayes can be reached on 571-272-6708. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Richard Woo Patent Examiner Art Unit 3639 June 22, 2005

JOHN W. HAYES
PRIMARY EXAMINER